

Claims

We claim:

1. A method for the treatment of pain in a patient suffering therefrom, which comprises administering to the patient an effective amount of 4-2(2-fluorophenyl)-6-methyl-2-(1-piperazinyl)thieno[2,3-D]pyrimidine or a salt thereof.

2. The method according to claim 1, wherein the salt is the monohydrate hydrochloride.

3. The method according to claim 1, wherein the pain is nociceptive pain.

4. The method according to claim 1, wherein the pain is neuropathic pain.

5. A method for the treatment of a functional bowel disorder in a patient suffering therefrom, which comprises administering to the patient an effective amount of 4-(2-fluorophenyl)-6-methyl-2-(1-piperazinyl)thieno[2,3-D]pyrimidine or a salt thereof.

6. The method according to claim 5, wherein the salt is the hydrochloride monohydrate.

7. The method according to claim 5, wherein the disorder is irritable bowel syndrome.

8. The method according to claim 7, wherein the disorder is diarrhea-predominant irritable bowel syndrome.

9. The method according to claim 8, wherein the patient is female.

10. The method according to claim 7, wherein the disorder is alternating constipation/diarrhea irritable bowel syndrome.

11. The method according to claim 7, wherein the disorder is constipation-predominant irritable bowel syndrome.

12. A method for the treatment of fibromyalgia in a patient suffering therefrom, which comprises administering to the patient an effective amount of 4-(2-fluorophenyl)-6-methyl-2-(1-piperazinyl)thienol[2,3-D]pyrimidine or a salt thereof.

13. The method according to claim 12, wherein the salt is the monohydrate hydrochloride.